

Amendments to the Specification:

Page 1, lines 2-3, replace the paragraph beginning with "The invention relates to" as follows:

The invention relates to a cooling device for a computer system. ~~an electric machine according to the preamble of claim 1.~~

Page 2, lines 19-20, replace the paragraph beginning with "This object is achieved" as follows:

This object is achieved by a cooling device ~~having the features of claim 1.~~ with thermal zones that have thermal interactions with one another, each of the thermal zones containing a heat source. The cooling device comprises a temperature sensor in each of the thermal zones. At least two cooling means are provided. For each of the thermal zones, a controlling element is coupled to the temperature sensor of such thermal zone for activation of the at least two cooling means. An allocation matrix couples an output of at least one of the controlling elements to the two cooling means, and the allocation matrix is coupled between a plurality of the controlling elements and the at least two cooling means.

Page 3, replace the first and second paragraphs with the following:

--An embodiment of the invention uses maximum-value generators and/or at least one allocation matrix.--

Page 3, lines 22-30, replace the paragraph beginning with "An embodiment of the invention according to claim 6" as follows:

~~An~~ A further embodiment of the invention ~~according to claim 6 has~~ offers the advantage that control of the cooling functions is also completely operable even if the operating system or the CPU

and the associated components such as chipset, memory, etc. of a computer system, considered as an example of an electric machine, are malfunctioning. Thus an increase in reliability of an affected system is achieved with the invention. Furthermore, the cooling function is assured even if the operating system does not support any power management functions such as ACPI.

Page 4, lines 7-14, replace the paragraph beginning with "If functions for monitoring and cooling control" as follows:

If functions for monitoring and cooling control are implemented in an independent unit, ~~cooling~~ devices which originally were not designed with a cooling mechanism ~~device according to one of claims 1 to 5~~ can be operated according to the ~~principle of this~~ principles of the cooling device disclosed herein. Moreover, ASICs or microcontrollers are can be used cost-effectively for such units. Such ASICs or microcontrollers, for example, do not have to be designed exclusively for monitoring and cooling control.